



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Apparato Cardio-circolatorio

2122-2-I0201D138-I0201D213M

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#### Aims

To know how to recognize the clinical symptomatology of cardiovascular diseases

#### Contents

Pathophysiology and Clinical features of the following cardiovascular diseases:

- Chronic heart failure
- Chronic Coronary Syndrome
- Essential and secondary arterial hypertension
- Atrial fibrillation.
- Dislipidemia
- Basic concept of electrocardiography

#### Detailed program

- Chronic heart failure: pathophysiology, epidemiological mechanisms, types of decompensation (systolic and / or diastolic dysfunction). Diagnostic criteria of heart failure. Role of rehabilitation.
  - Chronic coronary syndromes: Clinical presentation of acute myocardial infarction and chronic coronary syndromes. Clinical and instrumental diagnosis. Complications of myocardial infarction. Secondary prevention of coronary events. Coronary revascularization
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- Arterial Hypertension: Definition, diagnosis, epidemiology. Secondary causes of hypertension. Cardiovascular complications of hypertension. Prevention of hypertension. Role of lifestyle.
- Dislipidemia: definition, diagnosis, epidemiology. Target and therapies.
- EKG: basic interpretation of normal and pathological one.

## **Prerequisites**

Basic skills of cardiovascular physiopathology, cardiovascular pathology and cardiovascular semeiotics

## **Teaching form**

Lessons in attendance, subject to any ministerial changes following the COVID pandemic situation.

## **Textbook and teaching resource**

International guidelines concerning major cardiovascular diseases

## **Semester**

second semester (April 2021)

## **Assessment method**

Exam in attendance.

## **Office hours**

To be agreed with students, by e-mail contact

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